

BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND

Form NSAR-A

April 28, 2011

PAGE 1
000 A000000 02/28/2011
000 C000000 1045126
000 D000000 N
000 E000000 NF
000 F000000 Y
000 G000000 N
000 H000000 N
000 I000000 6.1
000 J000000 A
001 A000000 BLACKROCK MUNIHOLDINGS INVEST. QUALITY FUND
001 B000000 811-08349
001 C000000 8004417762
002 A000000 100 BELLEVUE PARKWAY
002 B000000 WILMINGTON
002 C000000 DE
002 D010000 19809
003 000000 N
004 000000 N
005 000000 N
006 000000 N
007 A000000 N
007 B000000 0
007 C010100 1
007 C010200 2
007 C010300 3
007 C010400 4
007 C010500 5
007 C010600 6
007 C010700 7
007 C010800 8
007 C010900 9
007 C011000 10
008 A000001 BLACKROCK ADVISORS, LLC
008 B000001 A
008 C000001 801-47710
008 D010001 WILMINGTON
008 D020001 DE
008 D030001 19809
008 A000002 BLACKROCK INVESTMENT MANAGEMENT, LLC
008 B000002 S
008 C000002 801-56972
008 D010002 PLAINSBORO
008 D020002 NJ
008 D030002 08536
012 A000001 BNY MELLON SHAREOWNER SERVICES (COMMON)
012 B000001 85-05006
012 C010001 JERSEY CITY
012 C020001 NJ
012 C030001 07310
012 A000002 THE BANK OF NEW YORK MELLON (PREFERRED)
012 B000002 85-05006
PAGE 2
012 C010002 NEW YORK
012 C020002 NY
012 C030002 10286
013 A000001 DELOITTE & TOUCHE LLP
013 B010001 PRINCETON
013 B020001 NJ

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

013 B030001 08540
014 A000001 BLACKROCK CAPITAL MARKETS, LLC
014 B000001 8-67827
014 A000002 BLACKROCK EXECUTION SERVICES
014 B000002 8-48719
014 A000003 BLACKROCK FUND DISTRIBUTION COMPANY
014 B000003 8-67795
014 A000004 BLACKROCK INVESTMENTS, LLC
014 B000004 8-48436
014 A000005 HARRIS WILLIAMS LLC
014 B000005 8-53380
014 A000006 PNC CAPITAL MARKETS, INC.
014 B000006 8-32493
014 A000007 PNC INVESTMENTS LLC
014 B000007 8-66195
015 A000001 THE BANK OF NEW YORK MELLON
015 B000001 C
015 C010001 NEW YORK
015 C020001 NY
015 C030001 10286
015 E010001 X
015 A000002 J.P. MORGAN CHASE BANK
015 B000002 S
015 C010002 NEW YORK
015 C020002 NY
015 C030002 10017
015 E010002 X
018 000000 Y
019 A000000 Y
019 B000000 294
019 C000000 BLKRRADVSR
020 A000001 UBS SECURITIES LLC
020 B000001 13-3873456
020 C000001 1
020 A000002 JANNEY MONTGOMERY SCOTT LLC
020 B000002 23-0731260
020 C000002 0
020 C000003 0
020 C000004 0
020 C000005 0
020 C000006 0
020 C000007 0
020 C000008 0
020 C000009 0
020 C000010 0
PAGE 3
021 000000 1
022 A000001 FFI INSTITUTIONAL TAX-EXEMPT FUND
022 B000001 22-2509978
022 C000001 81419
022 D000001 100228
022 A000002 APEX SECURITIES, INC.
022 C000002 8305
022 D000002 35594
022 A000003 STIFEL, NICOLAUS & COPMANY, INCORPORATED
022 B000003 43-0538770
022 C000003 11513
022 D000003 16414
022 A000004 MORGAN STANLEY & CO. INCORPORATED
022 B000004 13-2655998
022 C000004 20563
022 D000004 0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

022 A000005 CITIGROUP GLOBAL MARKETS, INC.
022 B000005 11-2418191
022 C000005 19516
022 D000005 425
022 A000006 SIEBERT, BRANDFORD, SHANK & CO., L.L.C.
022 C000006 10628
022 D000006 7186
022 A000007 MERRILL LYNCH, PIERCE, FENNER & SMITH INC.
022 B000007 13-5674085
022 C000007 7387
022 D000007 9544
022 A000008 J.P. MORGAN SECURITIES INC.
022 B000008 13-3299429
022 C000008 16280
022 D000008 0
022 A000009 RBC CAPITAL MARKETS CORPORATION
022 B000009 13-5033225
022 C000009 1301
022 D000009 11167
022 A000010 SECUREVEST FINANCIAL GROUP
022 C000010 4256
022 D000010 5594
023 C000000 213120
023 D000000 208037
024 000000 N
026 A000000 N
026 B000000 N
026 C000000 N
026 D000000 Y
026 E000000 N
026 F000000 N
026 G010000 N
026 G020000 N
026 H000000 N
027 000000 N
PAGE 4
045 000000 Y
046 000000 N
047 000000 Y
048 000000 0.550
048 A010000 0
048 A020000 0.000
048 B010000 0
048 B020000 0.000
048 C010000 0
048 C020000 0.000
048 D010000 0
048 D020000 0.000
048 E010000 0
048 E020000 0.000
048 F010000 0
048 F020000 0.000
048 G010000 0
048 G020000 0.000
048 H010000 0
048 H020000 0.000
048 I010000 0
048 I020000 0.000
048 J010000 0
048 J020000 0.000
048 K010000 0
048 K020000 0.000

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

049 000000 N
 050 000000 N
 051 000000 N
 052 000000 N
 053 A000000 Y
 053 B000000 Y
 053 C000000 N
 054 A000000 Y
 054 B000000 Y
 054 C000000 N
 054 D000000 N
 054 E000000 N
 054 F000000 N
 054 G000000 N
 054 H000000 Y
 054 I000000 N
 054 J000000 Y
 054 K000000 N
 054 L000000 N
 054 M000000 Y
 054 N000000 N
 055 A000000 N
 055 B000000 N
 056 000000 Y
 057 000000 N
 PAGE 5
 058 A000000 N
 059 000000 Y
 060 A000000 N
 060 B000000 N
 061 000000 0
 062 A000000 Y
 062 B000000 0.0
 062 C000000 0.0
 062 D000000 0.0
 062 E000000 0.0
 062 F000000 0.0
 062 G000000 0.0
 062 H000000 0.0
 062 I000000 0.0
 062 J000000 0.0
 062 K000000 0.0
 062 L000000 2.8
 062 M000000 0.0
 062 N000000 0.0
 062 O000000 165.4
 062 P000000 0.0
 062 Q000000 0.0
 062 R000000 0.0
 063 A000000 0
 063 B000000 22.9
 064 A000000 Y
 064 B000000 N
 066 A000000 N
 067 000000 N
 068 A000000 N
 068 B000000 N
 069 000000 N
 070 A010000 Y
 070 A020000 N
 070 B010000 N
 070 B020000 N

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

070	C010000	Y	
070	C020000	N	
070	D010000	N	
070	D020000	N	
070	E010000	Y	
070	E020000	Y	
070	F010000	N	
070	F020000	N	
070	G010000	Y	
070	G020000	N	
070	H010000	N	
070	H020000	N	
070	I010000	N	
070	I020000	N	
070	J010000	N	
	PAGE	6	
070	J020000	N	
070	K010000	Y	
070	K020000	Y	
070	L010000	N	
070	L020000	N	
070	M010000	N	
070	M020000	N	
070	N010000	N	
070	N020000	N	
070	O010000	Y	
070	O020000	N	
070	P010000	Y	
070	P020000	N	
070	Q010000	N	
070	Q020000	N	
070	R010000	N	
070	R020000	N	
071	A000000		124515
071	B000000		108424
071	C000000		832243
071	D000000		13
072	A000000		6
072	B000000		21151
072	C000000		0
072	D000000		0
072	E000000		23
072	F000000		2339
072	G000000		51
072	H000000		0
072	I000000		35
072	J000000		20
072	K000000		0
072	L000000		18
072	M000000		30
072	N000000		6
072	O000000		0
072	P000000		296
072	Q000000		0
072	R000000		99
072	S000000		21
072	T000000		0
072	U000000		0
072	V000000		0
072	W000000		246
072	X000000		3160
072	Y000000		210

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

072 Z000000 18223
 072AA000000 0
 072BB000000 5700
 072CC010000 0
 072CC020000 59935

PAGE 7

072DD010000 16963
 072DD020000 0
 072EE000000 0
 073 A010000 0.4500
 073 A020000 0.0000
 073 B000000 0.0000
 073 C000000 0.0000
 074 A000000 932
 074 B000000 0
 074 C000000 0
 074 D000000 808721
 074 E000000 0
 074 F000000 0
 074 G000000 0
 074 H000000 0
 074 I000000 13488
 074 J000000 1326
 074 K000000 0
 074 L000000 10900
 074 M000000 136
 074 N000000 835503
 074 O000000 0
 074 P000000 313
 074 Q000000 0
 074 R010000 0
 074 R020000 0
 074 R030000 0
 074 R040000 71726
 074 S000000 274664
 074 T000000 488800
 074 U010000 37704
 074 U020000 0
 074 V010000 12.96
 074 V020000 0.00
 074 W000000 0.0000
 074 X000000 14377
 074 Y000000 317864
 075 A000000 0
 075 B000000 787718
 076 000000 12.68
 077 A000000 Y
 077 D000000 Y
 078 000000 N
 086 A010000 27
 086 A020000 383
 086 B010000 0
 086 B020000 0
 086 C010000 0
 086 C020000 0
 086 D010000 0
 086 D020000 0

PAGE 8

086 E010000 0
 086 E020000 0
 086 F010000 0
 086 F020000 0

Edgar Filing: BLACKROCK MUNIHOLDINGS INVESTMENT QUALITY FUND - Form NSAR-A

087 A010000 COMMON STOCK
087 A020000 09254P108
087 A030000 MFL
087 B010000 PREFERRED STOCK
088 A000000 N
088 B000000 N
088 C000000 N
088 D000000 Y
SIGNATURE NEAL J. ANDREWS
TITLE CFO